

FIG. 1

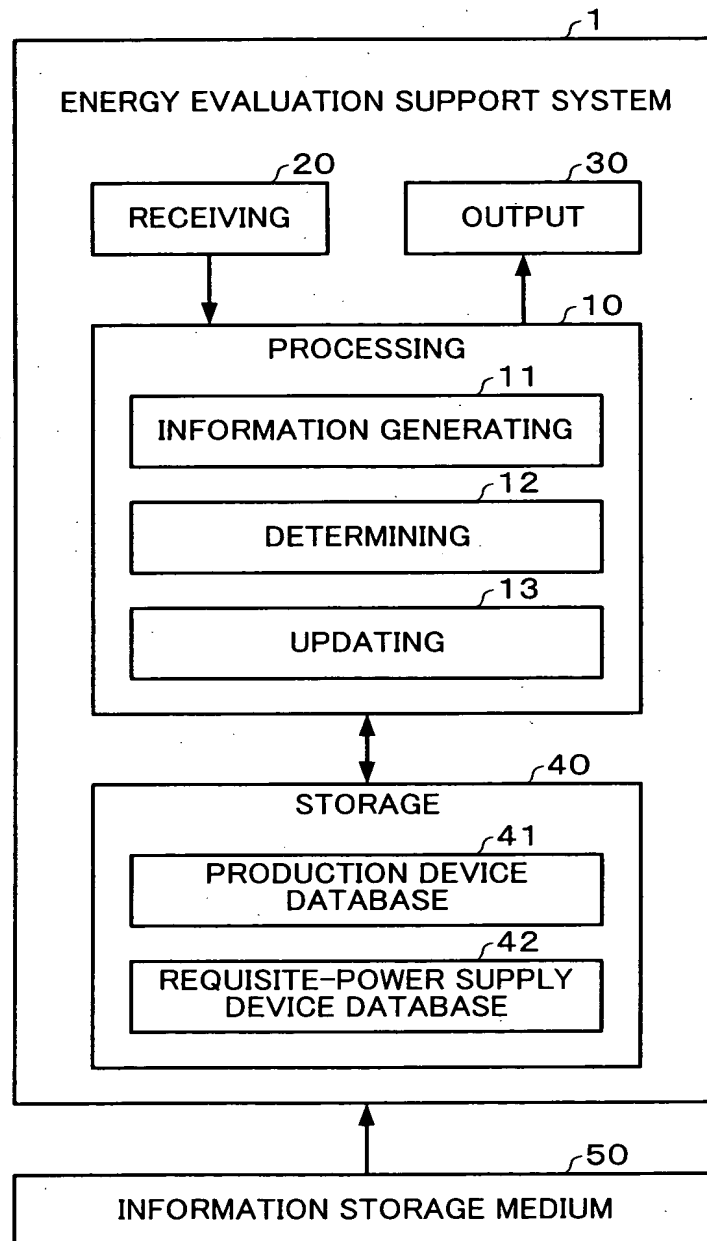


FIG. 2

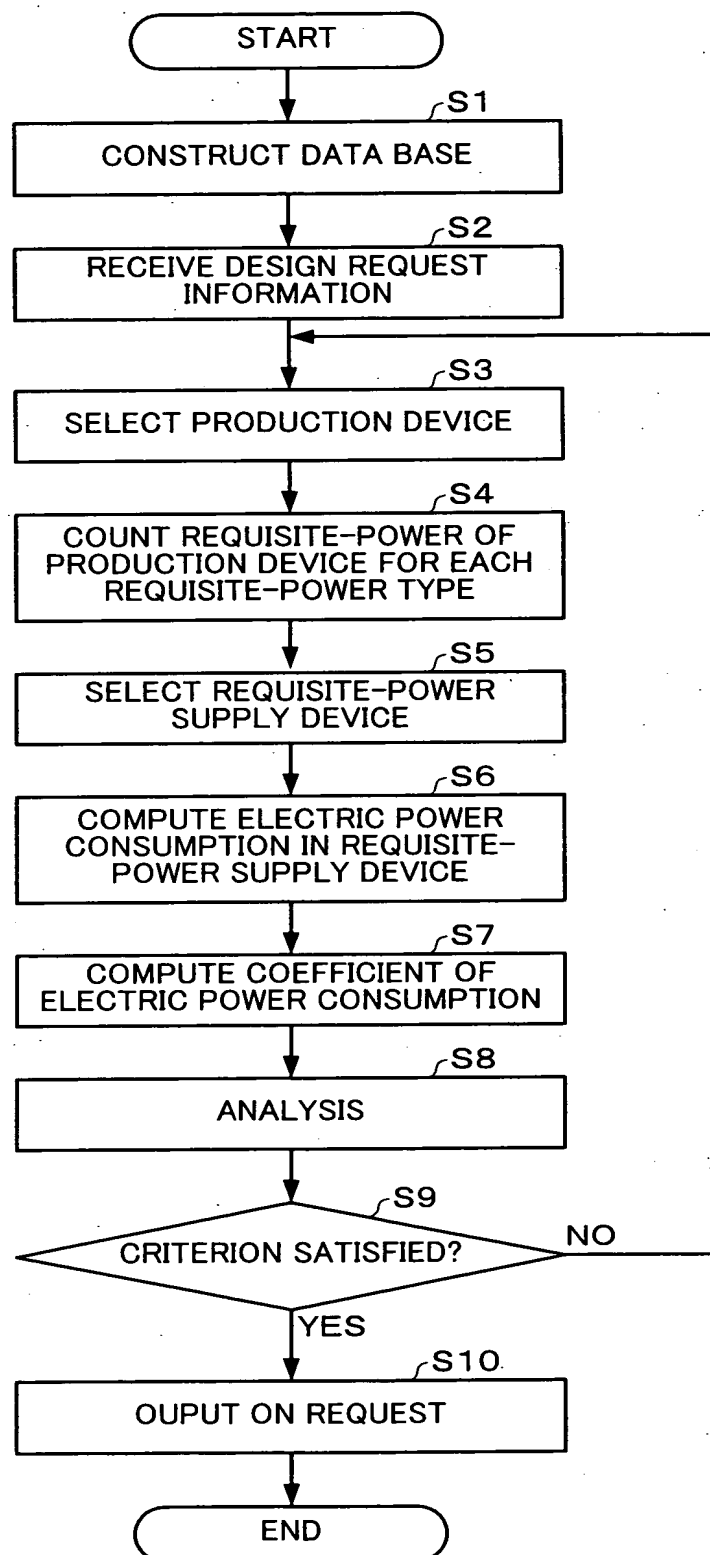


FIG. 3

DATA INPUT (PRODUCTION DEVICE)

CREATE

COPY

DELETE

PREVIOUS

NEXT

SEARCH

DEVICE ID

PRINT

DATA INPUT

DATA OUTPUT

COST

ENERGY

MAIN

BASIC DATA

DEVICE CLASIFICATION/NAME/MAKER

ION / I / E

OPERATING RATE1.00

FAILURE RATE

REQUISITE-POWER USED

STANDBY

MAIN BODY SYSTEM

ACCESSORIAL DEVICE A

ACCESSORIAL DEVICE B

ELECTRIC POWER [kw]

COOLING WATER [l/min]

CONSUMPTION ARTICLES/MAINTENANCE COST

MAIN BODY SYSTEM

ITEM

FREQUENCY CYCLE OF MONTH

MAINTENANCE COST [¥/TIME]

TIME INSTRUCTION 1

TIME INSTRUCTION 2

QUALITY INSPECTION COST

ITEM

FREQUENCY CYCLE OF MONTH

RECIPE USED

TIME INSTRUCTION 1

TIME INSTRUCTION 2

INITIAL DATA

PRICE [¥]

¥200,000,000

TOTAL PRICE OF ACCESSORIES [¥]

¥200,000,000

PRICE OF ACCESSORIAL DEVICE A [¥]

¥50,000,000

PRICE OF ACCESSORIAL DEVICE B [¥]

ACCESSORIAL DEVICE DATA

NAME

VERSION

CONNECTIONS

ACCESSORIAL DEVICE A

G1

1

3

ACCESSORIAL DEVICE B

NUMBER OF UPPER

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FIG. 4

DATA INPUT (PRODUCTION PROCESS)

CREATE

COPY

DELETE

PREVIOUS

NEXT

SEARCH

DEVICE ID

PRINT

DATA INPUT

DATA OUTPUT

COST

ENERGY

MAIN

BASIC DATA

BLOCK NAME BLOCK A

DEVICE ID/DEVICE NUMBER (VERSION) 0009 / 201 (1.1)

RECIPE NAME (VERSION) 301 (2)

THROUGHPUT DATA

Raw Process Time [min]  Process Interval Time [min]

Lot Size [wf/lot]  Batch Size [lot/bat]

CONSUMPTION ARTICLES/MAINTENANCE COST

MAIN BODY SYSTEM	ITEM	FREQUENCY [SHEET]	MAINTENANCE COST [¥/TIME]
NUMBER OF SHEET INSTRUCTION 1	CHANGE OF CLOTH	500	¥90,000
	CHANGE OF BRUSH	700	¥30,000
...			

QUALITY INSPECTION COST

NUMBER OF SHEET INSTRUCTION 1	NUMBER OF SHEET INSTRUCTION 2	ITEM	FREQUENCY [SHEET]	RECIPE USED
...	...	...	...	...

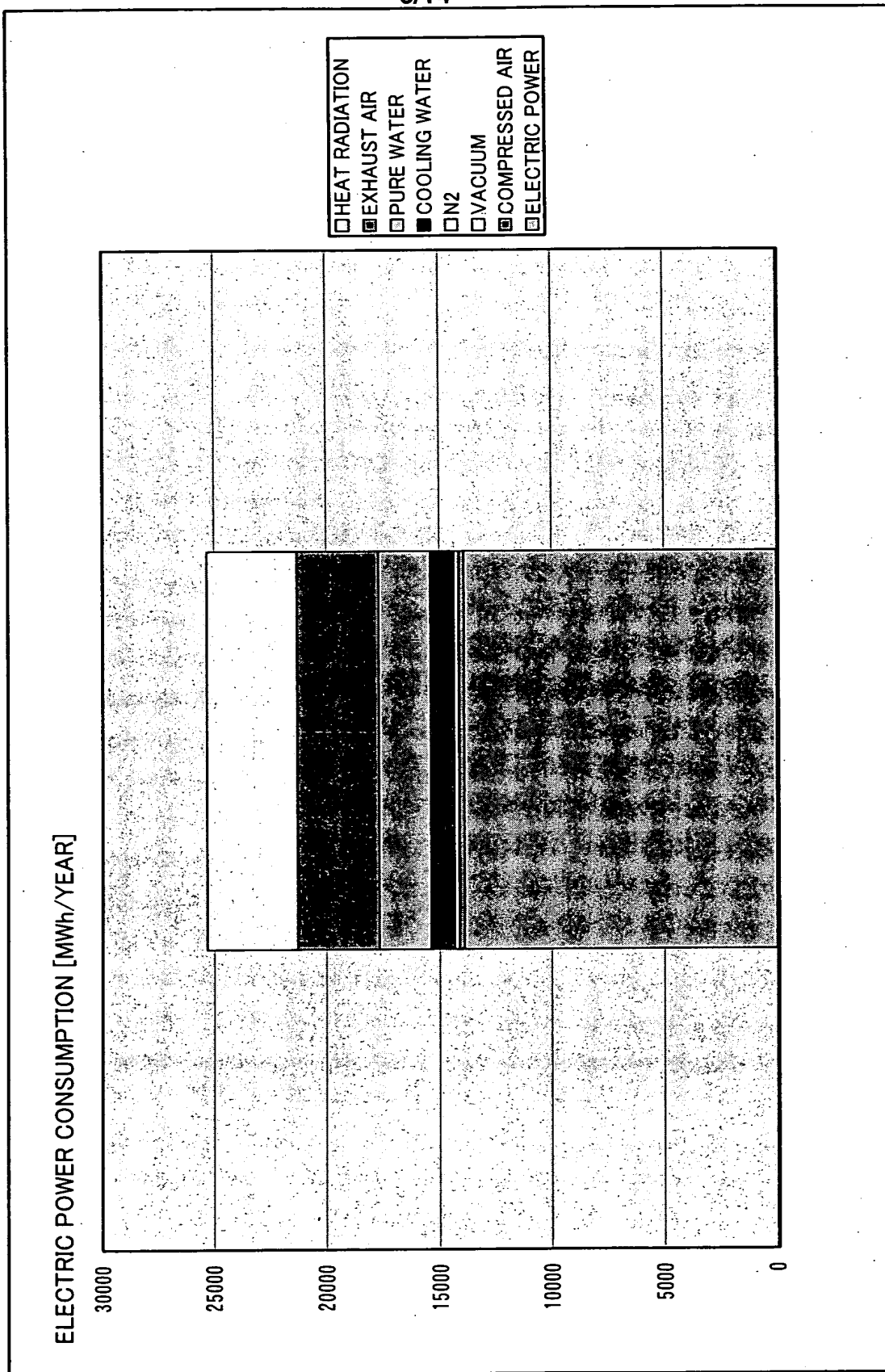
REQUISITE-POWER USED      PROCESSING      AMOUNT OF MATERIAL USED      PROCESSING

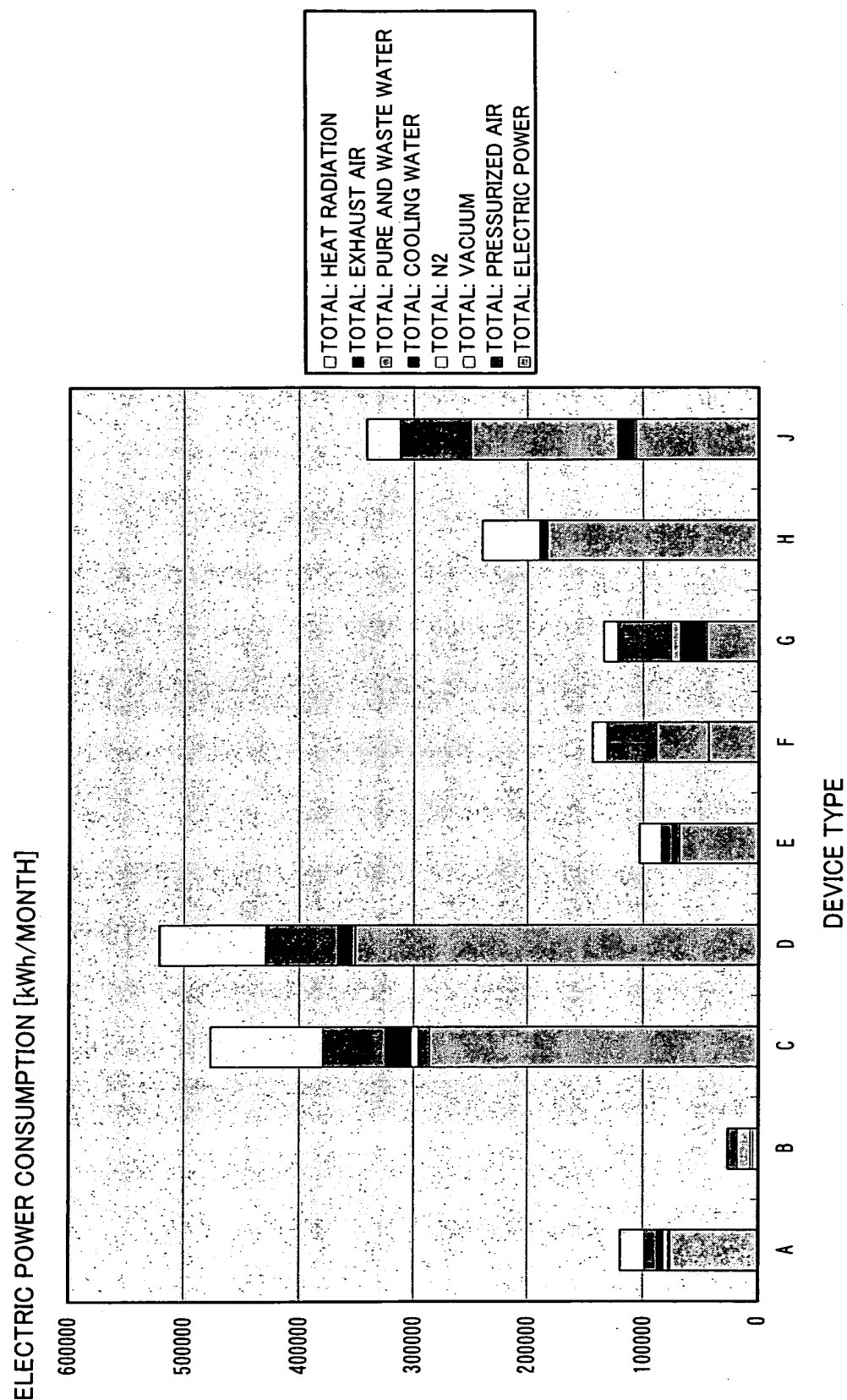
MAIN BODY SYSTEM	ACCESSORIAL DEVICE A	ACCESSORIAL DEVICE B	TYPE	AMOUNT OF USE [cc/SHEET]
ELECTRIC POWER [kw]	5.0	0.5	MATERIAL 1	P1 350
COOLING WATER [l/min]	4.0		MATERIAL 2	P2 300
...	...	...	...	...

DATA INPUT (PRODUCTION STEPS)												
<input type="button" value="CREATE"/>	<input type="button" value="COPY"/>	<input type="button" value="DELETE"/>	<input type="button" value="PREVIOUS"/>	<input type="button" value="NEXT"/>	<input type="button" value="SEARCH"/>	<input type="button" value="DEVICE ID"/>	<input type="button" value="PRINT"/>	<input type="button" value="DATA INPUT"/>	<input type="button" value="DATA OUTPUT"/>	<input type="button" value="COST"/>	<input type="button" value="ENERGY"/>	<input type="button" value="MAIN"/>
PRODUCT TYPE 1	VERSION	PRODUCT TYPE 2	VERSION	ORDER OF STEPS	STEP NAME 1	STEP NAME 2	USED DEVICE ID	USED RECIPE NAME	VERSION			
M1.	(5)	T931	(11)	1	P1	WAFER WASHING	0001	R1	(2)			
M1	(11)	T931	(18)	2	P1	LIGHT ETCHING	0002	R2	(1)			
:	:	:	:	:	:	:	:	:	:			
:	:	:	:	:	:	:	:	:	:			

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FIG. 6





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FIG. 8

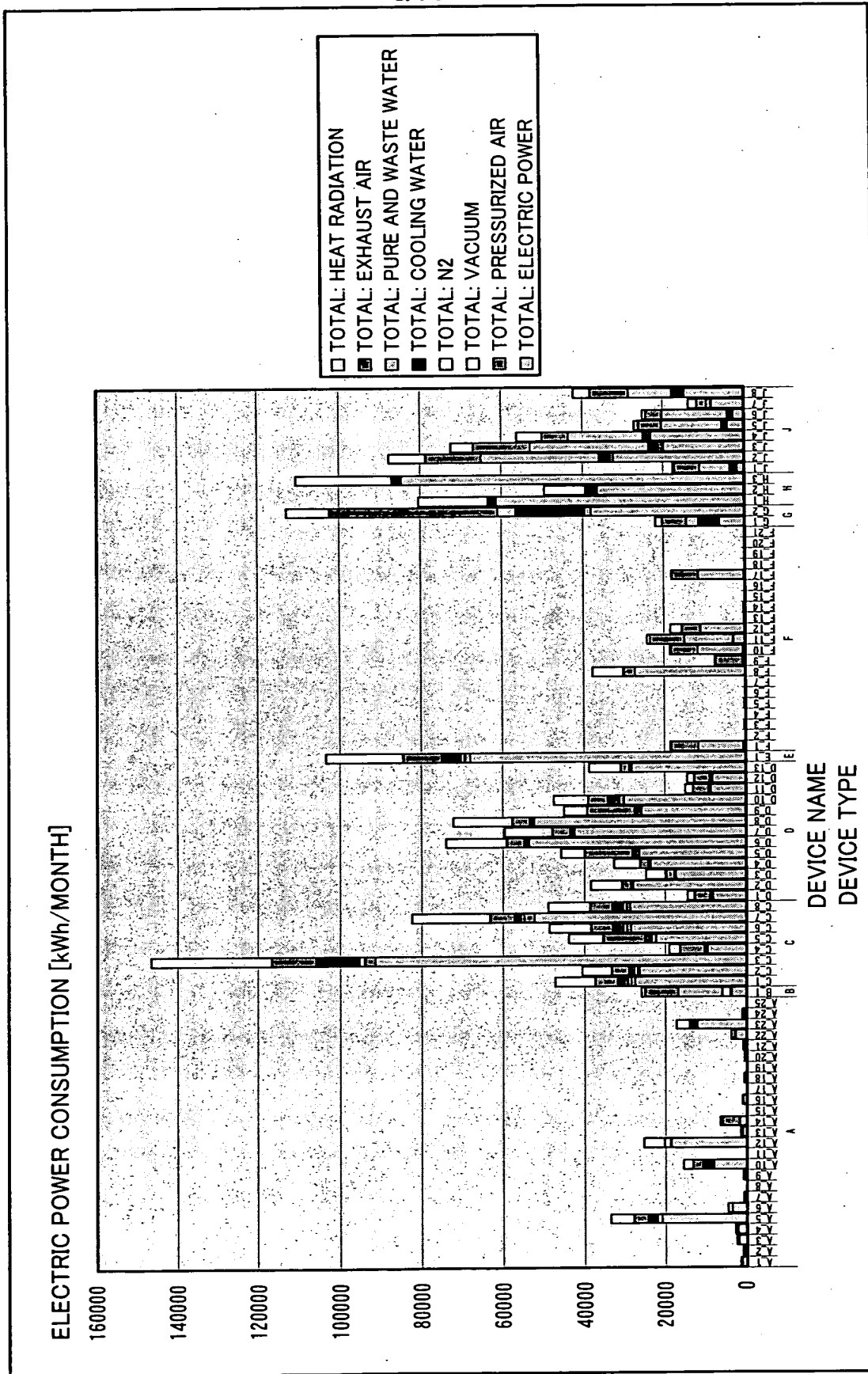
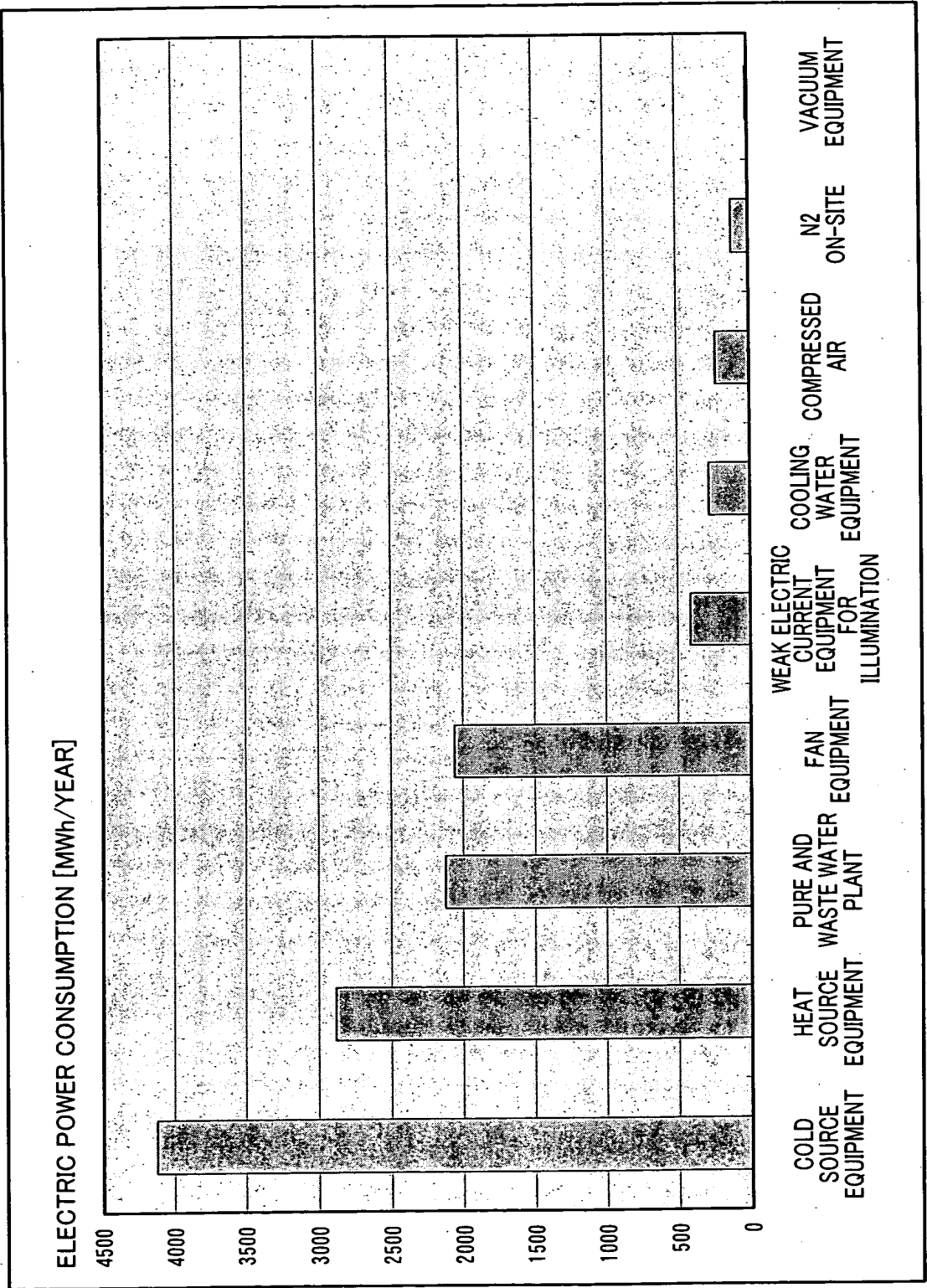
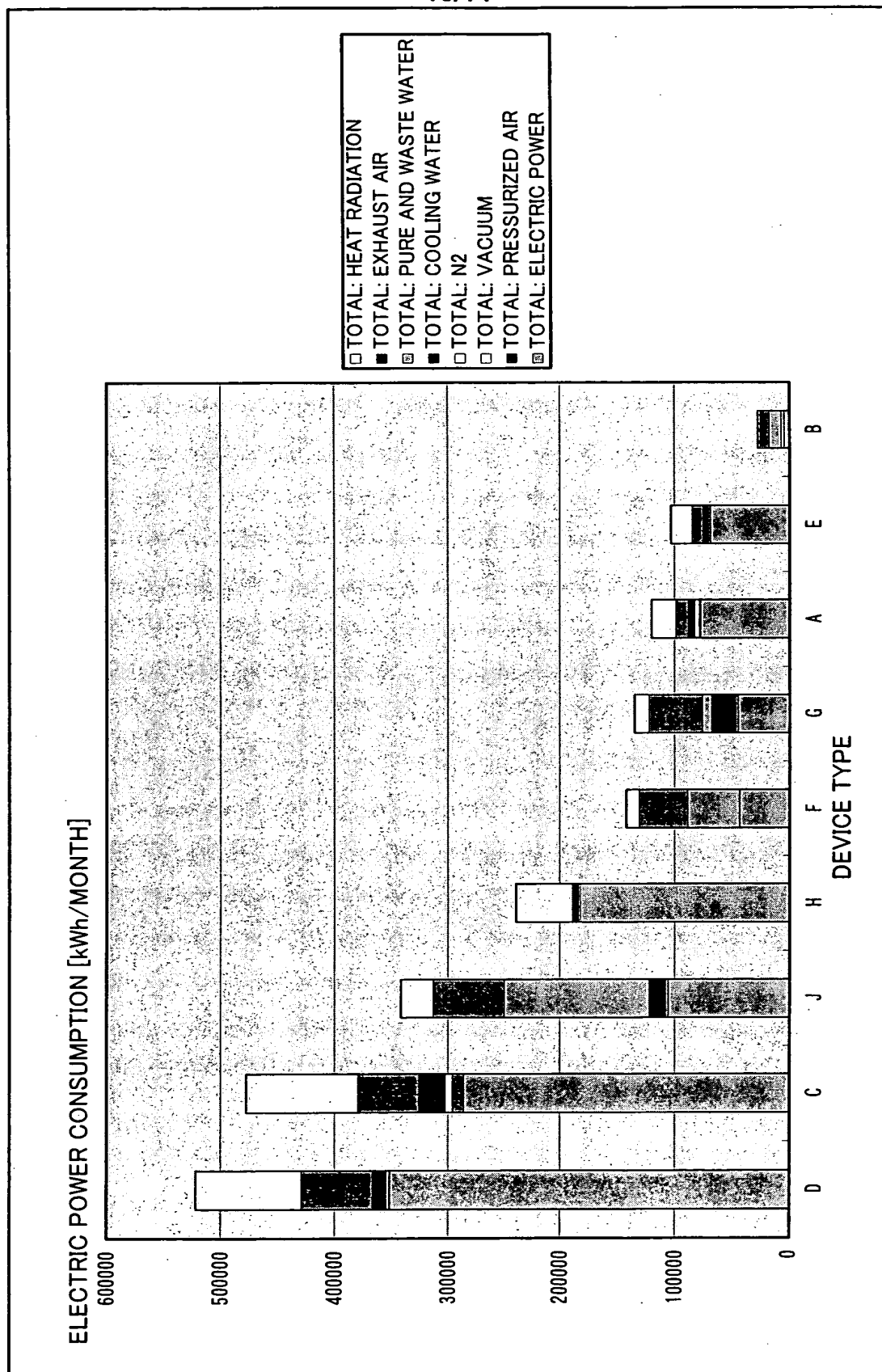




FIG. 9





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FIG.11

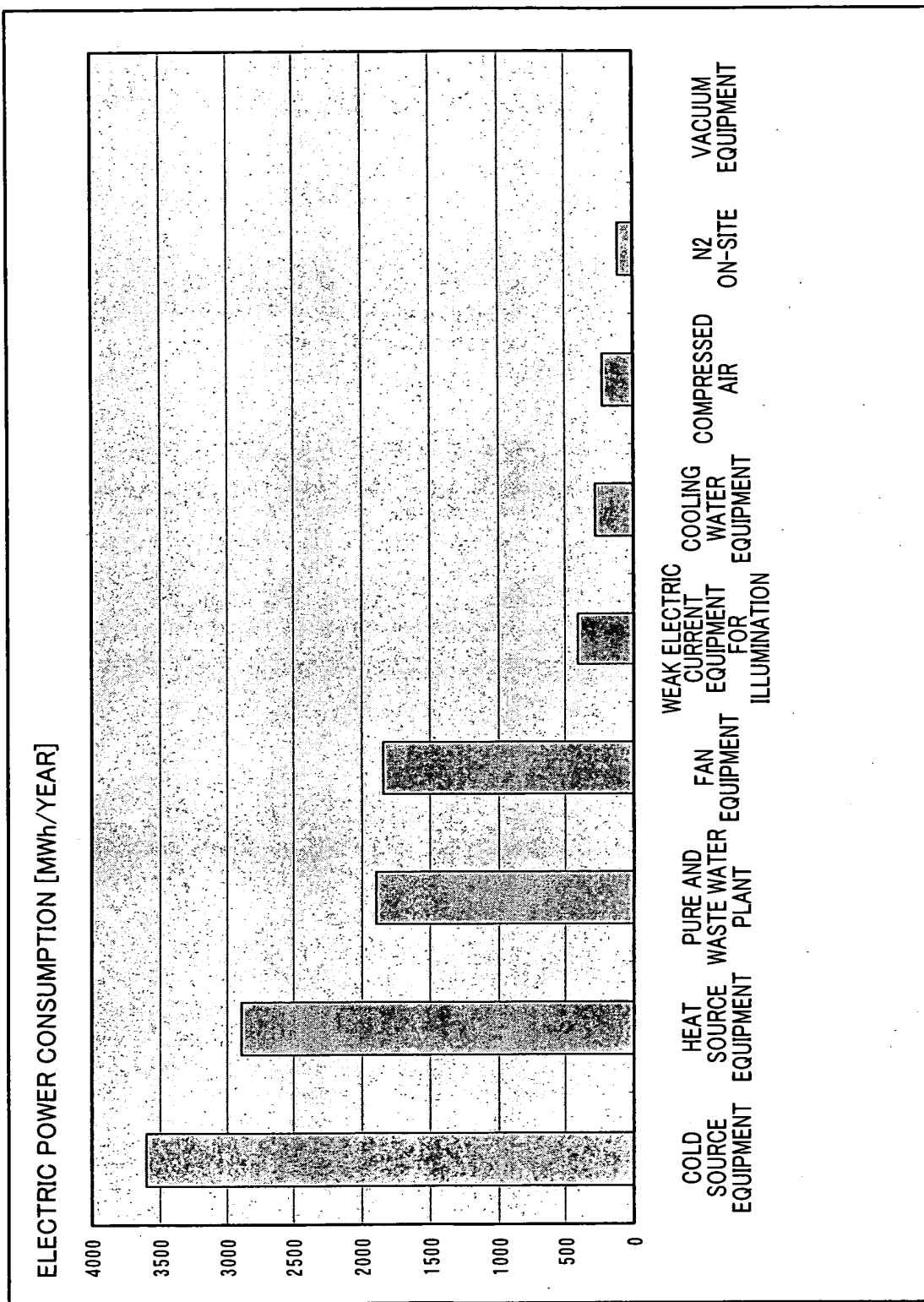
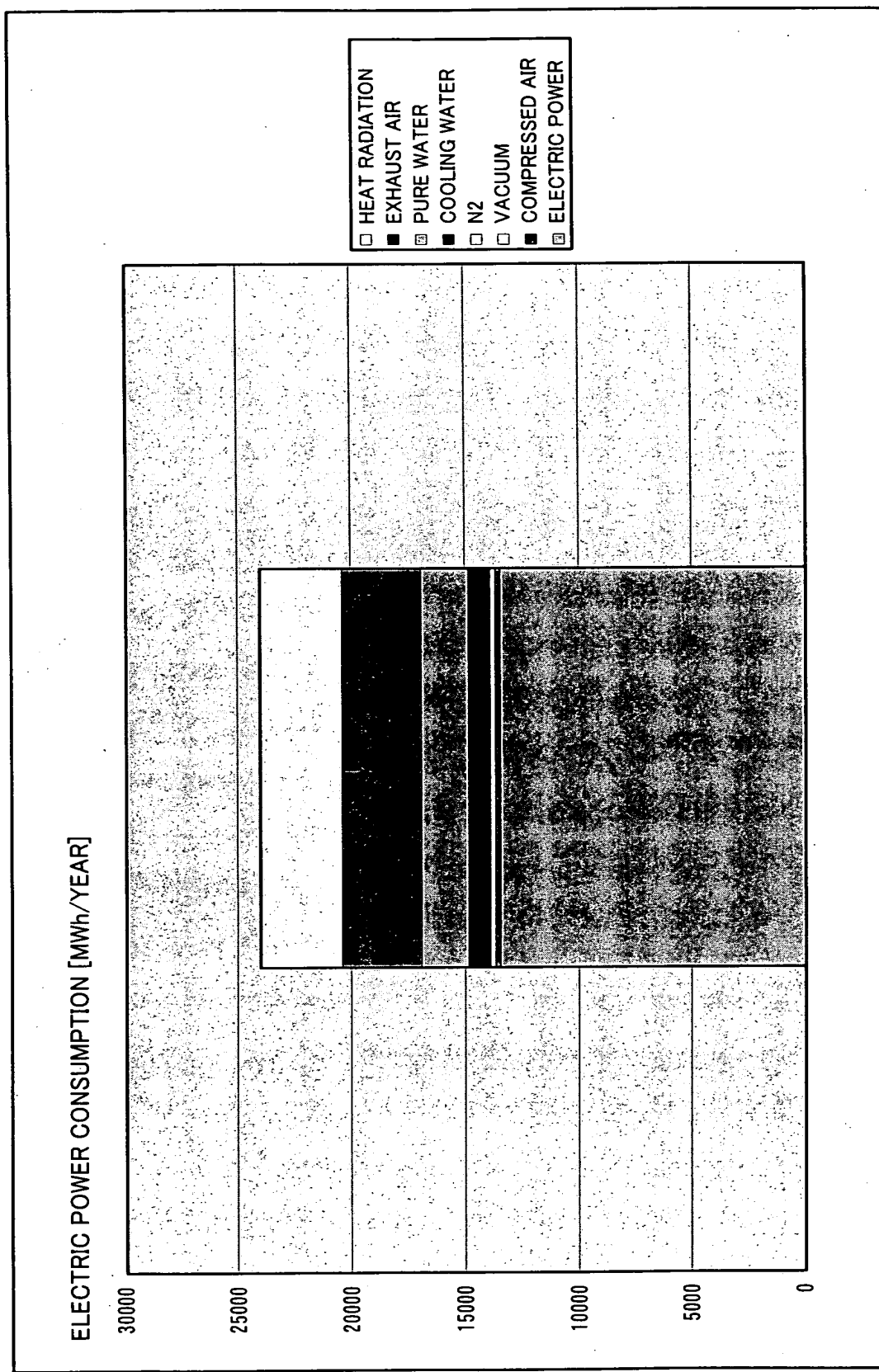
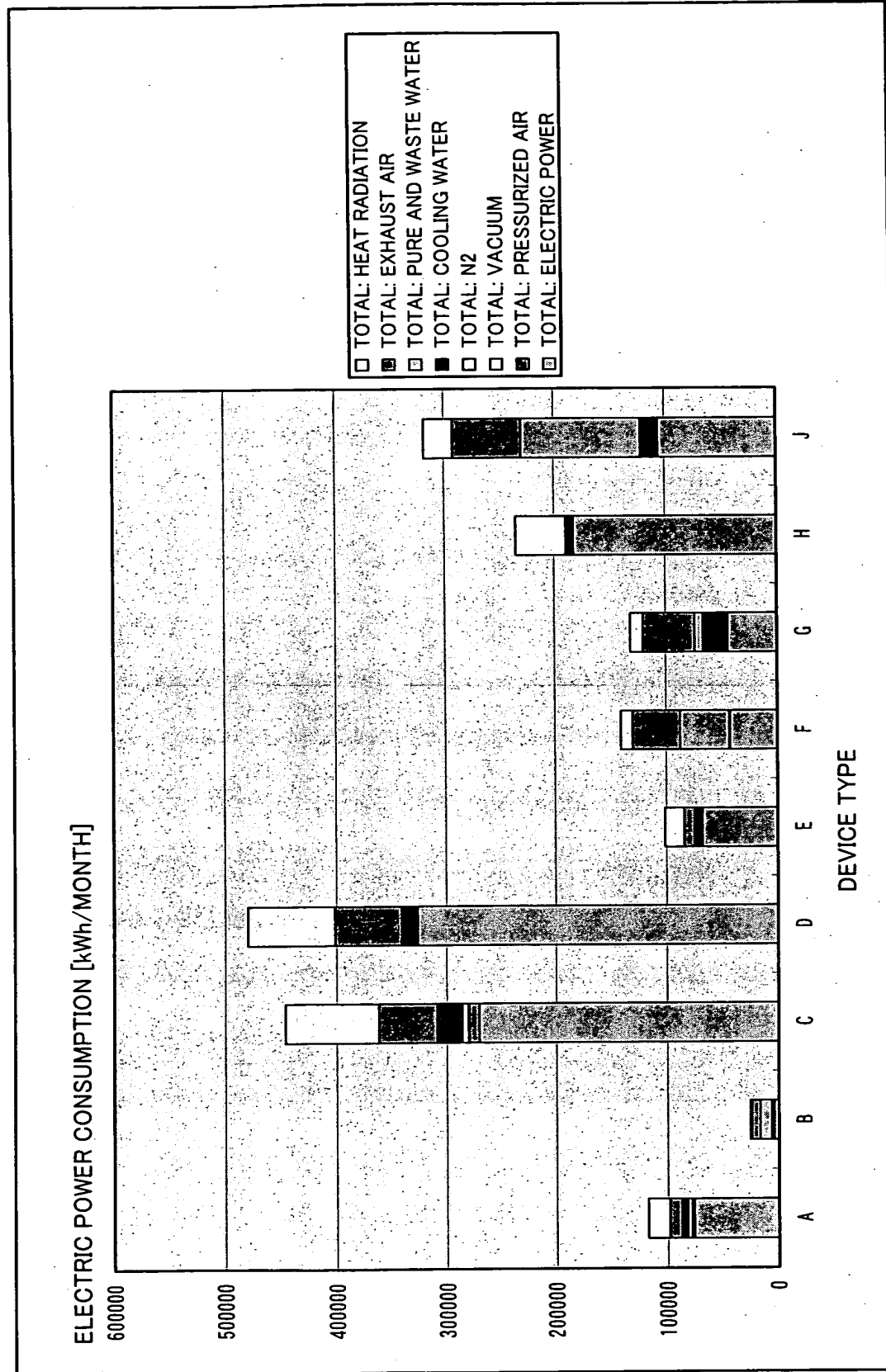


FIG. 12



**FIG. 13**



**FIG. 14**

